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FORM PTO-1390
(REV. 6-87)

U.S. DEPARTMENT
PATENT AND TRADE

OFFICE
FEE

ATTORNEY'S DOCKET NUMBER
MUR-3490

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

08/030309

INTERNATIONAL APPLICATION NO.

PCT/GB91/01599

INTERNATIONAL FILING DATE

18 September 1991 (18.09.91)

PRIORITY DATE CLAIMED

29 September 1990 (29.09.90)

TITLE OF INVENTION

TRANSMISSION OF DATA IN BOREHOLES

APPLICANT(S) FOR DO/EO/US

SMITH, David Balfour

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS		13 -20=	--	X\$22.00	\$ --
INDEPENDENT CLAIMS		2 -3=	--	X\$74.00	--
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$23.0	--
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):					
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482)					\$64.0
<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445 (a)(2))					\$71.0
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....					\$95.0
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4).....					\$90.0
XX Filed with EPO or JPO Search Report					\$830.0
Surcharge of \$ 130 for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).					130.00
TOTAL OF ABOVE CALCULATIONS					\$960.00
Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.) Verified Statement claiming small entity is enclosed					480.00
SUBTOTAL					+\$480.00
Processing fee of \$130 or furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).					---
TOTAL NATIONAL FEE					\$ 480.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)).					+ 40.00
Total					520.00
Less Fee Paid Mar. 29, 1993					-415.00
TOTAL FEES ENCLOSED					\$ 105.00

BEST AVAILABLE COPY

- Two checks in the amounts of \$40.00 and \$65.00 are enclosed to
- a. ☒ A check in the amount of \$_____ to cover the above fees is enclosed cover the above fees.
 - b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.
 - c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 - ☒ has been transmitted by the International Bureau.
4. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - ☐ have been transmitted by the International Bureau.
6. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. ☒ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
10. ☒ An assignment document for recording.

Please mail the recorded assignment document to:

- ☐ the person whose signature, name & address appears at the bottom of this page.
- ☒ the following:

Allan Ratner
RATNER & PRESTIA
P.O. Box 980
Valley Forge, PA 19482

11. The above checked items are being transmitted
- ☐ before the 18th month publication.
 - ☐ after publication and the Article 20 communication but before 20 months from the priority date.
 - ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
 - ☐ after 22 months (surcharge and/or processing fee included).
Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
 - ☐ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 - ☒ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
 - ☐ after 32 months (surcharge and/or processing fee included).
Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
12. At the time of transmittal, the time limit for amending claims under Article 19
- ☒ has expired and no amendments were made.
 - ☐ has not yet expired.
13. ☒ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on March 29, 1993, namely: Check for \$415.00 for basic national fee, Information Disclosure Statement with cited references (9 ref.) and copy of EPO Search Report

Allan Ratner

NAME RATNER & PRESTIA
P.O. Box 980

ADDRESS Valley Forge, PA 19482

(215) 265-6666 (Phone) (215) 265-8935 (Fax)

SIGNATURE  Allan Ratner

19,717
REGISTRATION NUMBER